

REPLACEMENT ABSTRACT

ABSTRACT OF THE INVENTION

High pressure plunger pump, comprising at least two in-line cylinders as seat for respective plungers, where each cylinder is connected via respective conduits and relative valves to an intake manifold and to a delivery manifold, the cylinders are provided within a single block together with the conduits and the manifold; the intake manifold is positioned in front of the line of cylinders and is in direct communication with the cylinders via a conduit connected to a dead compartment provided as an extension of the respective cylinder and in which the intake valve is located; the intake valve is retained in position by the actual valve seat sealing gaskets or by an elastic plate.